

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph bridging pages 5 and 6 with the following amended paragraph:

According to the first image processing apparatus of the present invention as mentioned above, the ~~output device~~ the additional image ~~describing~~ describes a reproduction property of a spot color reproduced in the proof image. Referring to the additional image makes it possible to readily confirm a degree of reliability of the spot color in the proof image. For example, in the event that a color of the proof image is unsatisfactory, it is possible to perform a proper color proof through discrimination as to whether it is caused by the original color image.

Please replace paragraph bridging pages 21 and 22 with the following amended paragraph:

Fig. 3 is a view useful for understanding the second data conversion method. Fig. 3 shows, in a similar fashion to that of the first data conversion method shown in Fig. 2, a process color conversion step ~~111~~101, a spot color reference step ~~113~~102, and a tone arithmetic step ~~114~~103, and further shows a process color screening step 112 and a spot color screening step 115. A synthesizing section 116 is shown instead of the addition step 104 in the first data conversion method.

Please replace the third full paragraph on page 21 with the following amended paragraph:

Next, there will be described a second data conversion method. The second data conversion method is used in the event that the printer 60a cannot print spot color inks, and the

printer 60a is a printer in which inks are superposed by a plurality of halftone dot patterns. Also in the second data conversion method, the printing image data is converted into the proof image data representative of the process color component for the printer 60a.

Please replace the first full paragraph on page 22 with the following amended paragraph:

In a similar fashion to that of the first data conversion method, in the process color conversion step ~~111~~101, of the printing image data, the process color print image data portion is converted into the process image data component which is the image data component for the printer 60a. Then in the process color screening step 112, a screening processing is applied to the process image data component using a predetermined halftone dot pattern for each process color.

Please replace the second full paragraph on page 22 with the following amended paragraph:

In a similar fashion to that of the first data conversion method, in the spot color reference step ~~113~~102, and the tone arithmetic step ~~114~~103, the spot color reproduction image data component is created. Then, in the spot color screening step 115, the spot color reproduction image data component is subjected to a screening processing using such a halftone dot pattern that a color of image portion represented by the spot color reproduction image data component is close to a spot color of the printed image 41 as much as possible.

Please replace paragraph bridging pages 22 and 23 with the following amended paragraph:

In the synthesizing section 116, a halftone dot geometry represented by the process image data component after the screening processing is synthesized with a halftone dot geometry represented by the spot color reproduction image data component for each process color to create proof image data. According to the second data conversion method, the image portion constructed with the spot color of the proof image can be expressed by a halftone dot pattern adjusted in such a manner that a spot color of the image portion is closed to a spot color of the printed image as much as possible. Thus, according to the second data conversion method, it is possible to reproduce a color closer to the color of the printed image 41, as compared with the first data conversion method.

Please replace paragraph bridging pages 23 and 24 with the following amended paragraph:

Fig. 4 is a view useful for understanding a third data conversion method. Fig. 4 shows, in a similar fashion to that of the second data conversion method shown in Fig. 3, a process color conversion step ~~121~~101, a process color screening step ~~122~~112, a spot color reference step ~~123~~102, a tone arithmetic step ~~124~~103, and a spot color screening step 115. But Fig. 4 fails to show a portion corresponding to the addition step 104 of Fig. 2 and the synthesizing section 116 of Fig. 3.

Please replace the first full paragraph on page 24 with the following amended paragraph:

Regarding the spot color print image data portion, in the spot color reference step ~~113~~102, the tone arithmetic step ~~114~~103, and the spot color screening step 115, it is converted

into the spot color image data component for the printer 60a, which is subjected to the screening processing.

Please replace paragraph bridging pages 24 and 25 with the following amended paragraph:

According to the third data conversion method, the process image data component for the printer 60a which is subjected to the screening processing is not added to the spot color image data component for the printer 60a, which is subjected to the screening processing, and there is created proof image data consisting of the process image data component and the spot color image data component. According to the third data conversion method, the use of spot inks of colors closed to the spot colors used in the printing machine 40 makes it possible to more stably reproduce colors closed to the colors of the printed image 41 as compared with the first data conversion method and the second data conversion method.

Please replace the first full paragraph on page 26 with the following amended paragraph:

The CD-ROM 210 stores therein an image processing program for causing the personal computer 50 to operate as an embodiment of an image processing apparatus of the present invention. The CD-ROM 210 is mounted on the CD-ROM drive 515 so that the image processing program, which is stored in the CD-ROM ~~420~~210, is up-loaded on the personal computer 50 and is stored in the hard disk unit 513. Thus, the personal computer 50 operates as an image processing apparatus 600 (that will be described latter) in Fig. 8, which is an embodiment of the present invention.

Please replace paragraph bridging pages 35 and 36 with the following amended paragraph:

The additional image 72 consists of an image ID display portion 72a, a date display portion 72b, and a reproduction property display portion 72c. According to the reproduction property display portion 62c of the additional image 62 of the first embodiment shown in Fig. 10, the color chip 62c_1 of the spot color is associated with the symbol 62c_2 indicative of whether the spot color is a color which can be expressed by the printer 60a. On the other hand, according to the reproduction property display portion 72c of the additional image 72, the color chip 72c_1 of the spot color is associated with the symbol 72c_2 indicative of a rank where the reproduction property of the spot color is classified into a plurality of ranks. According to the present embodiment, the greater number of the symbol 72c_2 indicates that the spot color of the proof image 61 is ~~greater different from~~ than the spot color of the printed image 41. According to the present embodiment, the reproduction property of the red spot color image portion 61b including the spot color of the color chip 72c_1 of the left side belongs to the class 1, and the reproduction property of the green spot color image portion 61c including the spot color of the color chip 72c_1 of the right side belongs to the class 2. For example, it is confirmed that the color of the red spot color image portion 61b is sufficiently reliable, and while the color of the green spot color image portion 61c is slightly poor in the reproduction property, it is reliable to some extent. The number of the symbol 72c_2 described in the spot color of the color chip 72c_1 corresponds to an example of “numeral values of ranks where a degree of the reproduction property is classified into a plurality of ranks”. Thus, a description of the numeral values expressing the reproduction property of the spot color onto the additional image makes it possible to more readily discriminate between the reproduction properties of the spot color.